

the *Journal of the American Statistical Association* (1952, 47, 361-375) and the *Journal of the Royal Statistical Society, Series B* (1954, 21, 204-215).

Figure 1

Figure 2

Canine	MEUQLGLGRU	YPPPPSKTYR	GAFQNLQFSU	REUJNQPPR	HPEARSAPP	GPA	---QQQ	QQQQQQQQQQ	---T---SP	R000000000	DG	EDGSP0DPSR	87
Human	MEUQLGLGRU	YPPPPSKTYR	GAFQNLQFSU	REUJNQPPR	HPEARSAPP	GPA	---QQQ	QQQQQQQQQQ	---T---SP	R000000000	DG	EDGSP0HFR	99
Chimp	MEUQLGLGRU	YPPPPSKTYR	GAFQNLQFSU	REUJNQPPR	HPEARSAPP	GPA	---QQQ	QQQQQQQQQQ	---T---SP	R000000000	DG	EDGSP0HFR	99
Macaque	MEUQLGLGRU	YPPPPSKTYR	GAFQNLQFSU	REUJNQPPR	HPEARSAPP	GPA	---QQQ	QQQQQQQQQQ	---T---SP	R000000000	DG	EDGSP0HFR	99
Lemur	MEUQLGLGRU	YPPPPSKTYR	GAFQNLQFSU	REUJNQPPR	HPEARSAPP	GPA	---QQQ	QQQQQQQQQQ	---T---SP	R000000000	DG	EDGSP0HFR	99
Rat	MEUQLGLGRU	YPPPPSKTYR	GAFQNLQFSU	REUJNQPPR	HPEARSAPP	GPA	---QQQ	QQQQQQQQQQ	---T---SP	R000000000	DG	EDGSP0HFR	99
House	MEUQLGLGRU	YPPPPSKTYR	GAFQNLQFSU	REUJNQPPR	HPEARSAPP	GPA	---QQQ	QQQQQQQQQQ	---T---SP	R000000000	DG	EDGSP0HFR	99
Canine	SPITGYLHUE	EDQPSQJRSF	EKGPFESFQ	PEPGUTSIT	KGJLQDQFAP	PDENDSRAFS	TSLSLQPTFP	GLSSCSIDLK	DILSERTHQ	LL	DQDQR0QQQ	167	
Human	SPITGYLHUE	EDQPSQJRSF	EKGPFESFQ	PEPGUTSIT	KGJLQDQFAP	PDEDDSRAFS	TSLSLQPTFP	GLSSCSIDLK	DILSERTHQ	LL	DQDQR0QQQ	168	
Chimp	SPITGYLHUE	EDQPSQJRSF	EKGPFESFQ	PEPGUTSIT	KGJLQDQFAP	PDEDDSRAFS	TSLSLQPTFP	GLSSCSIDLK	DILSERTHQ	LL	DQDQR0QQQ	169	
Macaque	SPITGYLHUE	EDQPSQJRSF	EKGPFESFQ	PEPGUTSIT	KGJLQDQFAP	PDEDDSRAFS	TSLSLQPTFP	GLSSCSIDLK	DILSERTHQ	LL	DQDQR0QQQ	170	
Lemur	SPITGYLHUE	EDQPSQJRSF	EKGPFESFQ	PEPGUTSIT	KGJLQDQFAP	PDEDDSRAFS	TSLSLQPTFP	GLSSCSIDLK	DILSERTHQ	LL	DQDQR0QQQ	171	
Rat	SPITGYLHUE	EDQPSQJRSF	EKGPFESFQ	PEPGUTSIT	KGJLQDQFAP	PDEDDSRAFS	TSLSLQPTFP	GLSSCSIDLK	DILSERTHQ	LL	DQDQR0QQQ	172	
House	SPITGYLHUE	EDQPSQJRSF	EKGPFESFQ	PEPGUTSIT	KGJLQDQFAP	PDEDDSRAFS	TSLSLQPTFP	GLSSCSIDLK	DILSERTHQ	LL	DQDQR0QQQ	173	
Canine	Q0000000000	Q00000EVISE	GESSJFARER	HGRJSSKIDB	VLGGJST1SD	EAKELCKRAUS	USHGLQJER	EHLSPGQELQ	GDCNRYPLLG	PPPRUR	TC	285	
Human	Q0000000000	Q00000EVISE	GESSJFARER	HGRJSSKIDB	VLGGJST1SD	EAKELCKRAUS	USHGLQJER	EHLSPGQELQ	GDCNRYPLLG	PPPRUR	TC	286	
Chimp	Q0000000000	Q00000EVISE	GESSJFARER	HGRJSSKIDB	VLGGJST1SD	EAKELCKRAUS	USHGLQJER	EHLSPGQELQ	GDCNRYPLLG	PPPRUR	TC	287	
Macaque	Q0000000000	Q00000EVISE	GESSJFARER	HGRJSSKIDB	VLGGJST1SD	EAKELCKRAUS	USHGLQJER	EHLSPGQELQ	GDCNRYPLLG	PPPRUR	TC	288	
Lemur	Q0000000000	Q00000EVISE	GESSJFARER	HGRJSSKIDB	VLGGJST1SD	EAKELCKRAUS	USHGLQJER	EHLSPGQELQ	GDCNRYPLLG	PPPRUR	TC	289	
Rat	Q0000000000	Q00000EVISE	GESSJFARER	HGRJSSKIDB	VLGGJST1SD	EAKELCKRAUS	USHGLQJER	EHLSPGQELQ	GDCNRYPLLG	PPPRUR	TC	290	
House	Q0000000000	Q00000EVISE	GESSJFARER	HGRJSSKIDB	VLGGJST1SD	EAKELCKRAUS	USHGLQJER	EHLSPGQELQ	GDCNRYPLLG	PPPRUR	TC	291	
Canine	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	383
Human	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	376
Chimp	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	377
Macaque	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	381
Lemur	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	357
Rat	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	363
House	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	379
Canine	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	377
Human	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	377
Chimp	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	377
Macaque	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	377
Lemur	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	377
Rat	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	377
House	RPLFLCKGEL	LDDQPKQUTE	ETREVSPFKR	GYMKLGQDLS	LGCSBSERG	SGTLEP	PSI	SLVSKSGD	EARJYQDIDY	VNFPL	SL	PPPPPPPP	377
Canine	PHTRIKLEPN	DYGSJHARA	ARQCRJDLR	SLHGDQHGP	DSISPPRINTS	SSHHTLFTRE	EGOLVGP	GG	SGGCGAGC6	SG	SP	455	
Human	PHTRIKLEPN	DYGSJHARA	ARQCRJDLR	SLHGDQHGP	DSISPPRINTS	SSHHTLFTRE	EGOLVGP	GG	GGGGGGGGGG	GGGGGGGGGG	GGGGGGGGGG	476	
Chimp	PHTRIKLEPN	DYGSJHARA	ARQCRJDLR	SLHGDQHGP	DSISPPRINTS	SSHHTLFTRE	EGOLVGP	GG	GGGGGGGGGG	GGGGGGGGGG	GGGGGGGGGG	469	
Macaque	PHTRIKLEPN	DYGSJHARA	ARQCRJDLR	SLHGDQHGP	DSISPPRINTS	SSHHTLFTRE	EGOLVGP	GG	GGGGGGGGGG	GGGGGGGGGG	GGGGGGGGGG	553	
Lemur	PHTRIKLEPN	DYGSJHARA	ARQCRJDLR	SLHGDQHGP	DSISPPRINTS	SSHHTLFTRE	EGOLVGP	GG	GGGGGGGGGG	GGGGGGGGGG	GGGGGGGGGG	442	
Rat	PHTRIKLEPN	DYGSJHARA	ARQCRJDLR	SLHGDQHGP	DSISPPRINTS	SSHHTLFTRE	EGOLVGP	GG	GGGGGGGGGG	GGGGGGGGGG	GGGGGGGGGG	459	
House	PHTRIKLEPN	DYGSJHARA	ARQCRJDLR	SLHGDQHGP	DSISPPRINTS	SSHHTLFTRE	EGOLVGP	GG	GGGGGGGGGG	GGGGGGGGGG	GGGGGGGGGG	457	
Canine	PPYGVYRPPQ	GLRQDQEDP	PPDQWNPYDQ	UERUJF	PS	EUKSENHFM	STSPGPGYD	FLETREHJUL	PIDWYFPFPK	TCLICDODERS	GCHYGRALTCG	565	
Human	PPYGVYRPPQ	GLRQDQEDP	PPDQWNPYDQ	UERUJF	PS	EUKSENHFM	STSPGPGYD	FLETREHJUL	PIDWYFPFPK	TCLICDODERS	GCHYGRALTCG	566	
Chimp	PPYGVYRPPQ	GLRQDQEDP	PPDQWNPYDQ	UERUJF	PS	EUKSENHFM	STSPGPGYD	FLETREHJUL	PIDWYFPFPK	TCLICDODERS	GCHYGRALTCG	569	
Macaque	PPYGVYRPPQ	GLRQDQEDP	PPDQWNPYDQ	UERUJF	PS	EUKSENHFM	STSPGPGYD	FLETREHJUL	PIDWYFPFPK	TCLICDODERS	GCHYGRALTCG	553	
Lemur	PPYGVYRPPQ	GLRQDQEDP	PPDQWNPYDQ	UERUJF	PS	EUKSENHFM	STSPGPGYD	FLETREHJUL	PIDWYFPFPK	TCLICDODERS	GCHYGRALTCG	542	
Rat	PPYGVYRPPQ	GLRQDQEDP	PPDQWNPYDQ	UERUJF	PS	EUKSENHFM	STSPGPGYD	FLETREHJUL	PIDWYFPFPK	TCLICDODERS	GCHYGRALTCG	557	
House	PPYGVYRPPQ	GLRQDQEDP	PPDQWNPYDQ	UERUJF	PS	EUKSENHFM	STSPGPGYD	FLETREHJUL	PIDWYFPFPK	TCLICDODERS	GCHYGRALTCG	557	
Canine	ECKUFFKKRAN	EKGOKYLCARS	RNDCT1DKF	RKNCPSCLR	KCVERGHTL	ARAKLKGHL	KLOEGERE	EN	UTSPTEEPD	K	TUSHI1EGY	ECQPTFLNU	663
Human	ECKUFFKKRAN	EKGOKYLCARS	RNDCT1DKF	RKNCPSCLR	KCVERGHTL	ARAKLKGHL	KLOEGERE	EN	UTSPTEEPD	K	TUSHI1EGY	ECQPTFLNU	676
Chimp	ECKUFFKKRAN	EKGOKYLCARS	RNDCT1DKF	RKNCPSCLR	KCVERGHTL	ARAKLKGHL	KLOEGERE	EN	UTSPTEEPD	K	TUSHI1EGY	ECQPTFLNU	669
Macaque	ECKUFFKKRAN	EKGOKYLCARS	RNDCT1DKF	RKNCPSCLR	KCVERGHTL	ARAKLKGHL	KLOEGERE	EN	UTSPTEEPD	K	TUSHI1EGY	ECQPTFLNU	653
Lemur	ECKUFFKKRAN	EKGOKYLCARS	RNDCT1DKF	RKNCPSCLR	KCVERGHTL	ARAKLKGHL	KLOEGERE	EN	UTSPTEEPD	K	TUSHI1EGY	ECQPTFLNU	659
Rat	ECKUFFKKRAN	EKGOKYLCARS	RNDCT1DKF	RKNCPSCLR	KCVERGHTL	ARAKLKGHL	KLOEGERE	EN	UTSPTEEPD	K	TUSHI1EGY	ECQPTFLNU	657
House	ECKUFFKKRAN	EKGOKYLCARS	RNDCT1DKF	RKNCPSCLR	KCVERGHTL	ARAKLKGHL	KLOEGERE	EN	UTSPTEEPD	K	TUSHI1EGY	ECQPTFLNU	657
Canine	ERTEPGUWCR	GHDNQDPSF	RALLSSLNL	GERQLVHUK	WAKALPQFR	LRUDDDPRW	QYSHINGLHF	ANGRHSFTIN	NSRHLYFPD	LUFNEVYRHK	765		
Human	ERTEPGUWCR	GHDNQDPSF	RALLSSLNL	GERQLVHUK	WAKALPQFR	LRUDDDPRW	QYSHINGLHF	ANGRHSFTIN	NSRHLYFPD	LUFNEVYRHK	776		
Chimp	ERTEPGUWCR	GHDNQDPSF	RALLSSLNL	GERQLVHUK	WAKALPQFR	LRUDDDPRW	QYSHINGLHF	ANGRHSFTIN	NSRHLYFPD	LUFNEVYRHK	769		
Macaque	ERTEPGUWCR	GHDNQDPSF	RALLSSLNL	GERQLVHUK	WAKALPQFR	LRUDDDPRW	QYSHINGLHF	ANGRHSFTIN	NSRHLYFPD	LUFNEVYRHK	753		
Lemur	ERTEPGUWCR	GHDNQDPSF	RALLSSLNL	GERQLVHUK	WAKALPQFR	LRUDDDPRW	QYSHINGLHF	ANGRHSFTIN	NSRHLYFPD	LUFNEVYRHK	742		
Rat	ERTEPGUWCR	GHDNQDPSF	RALLSSLNL	GERQLVHUK	WAKALPQFR	LRUDDDPRW	QYSHINGLHF	ANGRHSFTIN	NSRHLYFPD	LUFNEVYRHK	759		
House	ERTEPGUWCR	GHDNQDPSF	RALLSSLNL	GERQLVHUK	WAKALPQFR	LRUDDDPRW	QYSHINGLHF	ANGRHSFTIN	NSRHLYFPD	LUFNEVYRHK	757		
Canine	SRMYSQSCURN	RHLSQDFG4L	Q1TPQFCLM	KALLLFSIIP	VGQGLKNQFP	DELRRN1YKE	LDR11ACKR	NPTSCSRAFY	OLTKL1LDSU0	P1ARELHOFT	865		
Human	SRMYSQSCURN	RHLSQDFG4L	Q1TPQFCLM	KALLLFSIIP	VGQGLKNQFP	DELRRN1YKE	LDR11ACKR	NPTSCSRAFY	OLTKL1LDSU0	P1ARELHOFT	869		
Chimp	SRMYSQSCURN	RHLSQDFG4L	Q1TPQFCLM	KALLLFSIIP	VGQGLKNQFP	DELRRN1YKE	LDR11ACKR	NPTSCSRAFY	OLTKL1LDSU0	P1ARELHOFT	853		
Macaque	SRMYSQSCURN	RHLSQDFG4L	Q1TPQFCLM	KALLLFSIIP	VGQGLKNQFP	DELRRN1YKE	LDR11ACKR	NPTSCSRAFY	OLTKL1LDSU0	P1ARELHOFT	842		
Lemur	SRMYSQSCURN	RHLSQDFG4L	Q1TPQFCLM	KALLLFSIIP	VGQGLKNQFP	DELRRN1YKE	LDR11ACKR	NPTSCSRAFY	OLTKL1LDSU0	P1ARELHOFT	857		
Rat	SRMYSQSCURN	RHLSQDFG4L	Q1TPQFCLM	KALLLFSIIP	VGQGLKNQFP	DELRRN1YKE	LDR11ACKR	NPTSCSRAFY	OLTKL1LDSU0	P1ARELHOFT	851		
House	SRMYSQSCURN	RHLSQDFG4L	Q1TPQFCLM	KALLLFSIIP	VGQGLKNQFP	DELRRN1YKE	LDR11ACKR	NPTSCSRAFY	OLTKL1LDSU0	P1ARELHOFT	859		
Canine	FDL1LKSHRU	SUDPFENHRE	ISUQKUP1L	SGKUP1VPH	TQ							907	
Human	FDL1LKSHRU	SUDPFENHRE	ISUQKUP1L	SGKUP1VPH	TQ							918	
Chimp	FDL1LKSHRU	SUDPFENHRE	ISUQKUP1L	SGKUP1VPH	TQ							911	
Macaque	FDL1LKSHRU	SUDPFENHRE	ISUQKUP1L	SGKUP1VPH	TQ							895	
Lemur	FDL1LKSHRU	SUDPFENHRE	ISUQKUP1L	SGKUP1VPH	TQ							884	
Rat	FDL1LKSHRU	SUDPFENHRE	ISUQKUP1L	SGKUP1VPH	TQ							901	
House	FDL1LKSHRU	SUDPFENHRE	ISUQKUP1L	SGKUP1VPH	TQ							899	

Figure 3

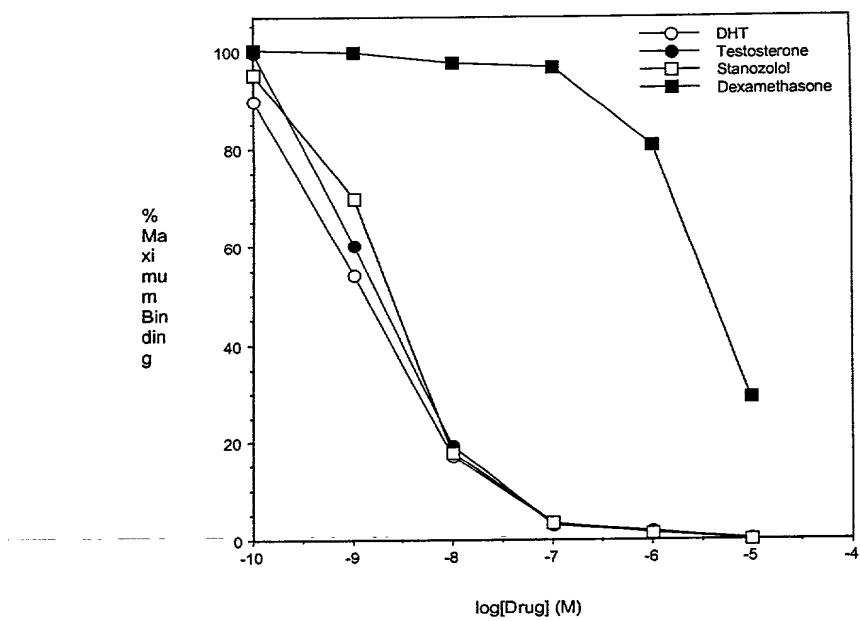


Figure 4

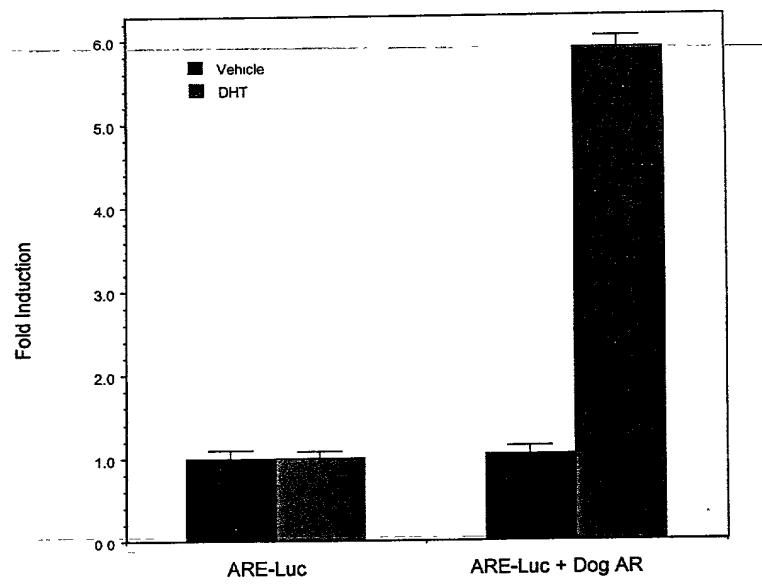


Figure 5